

SEATTLE'S INTELLIGENT TRANSPORTATION SYSTEM

A cost effective way to immediately reduce
congestion

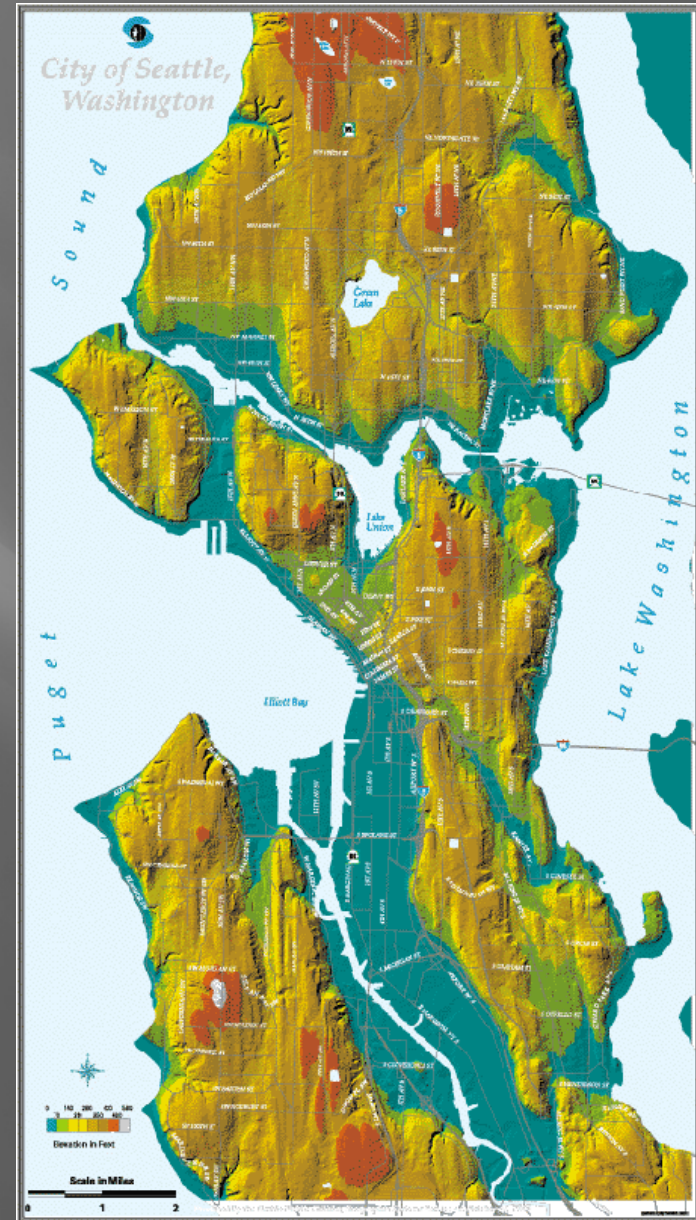
Seattle Freight Advisory Board
September 2013

Welcome to Seattle

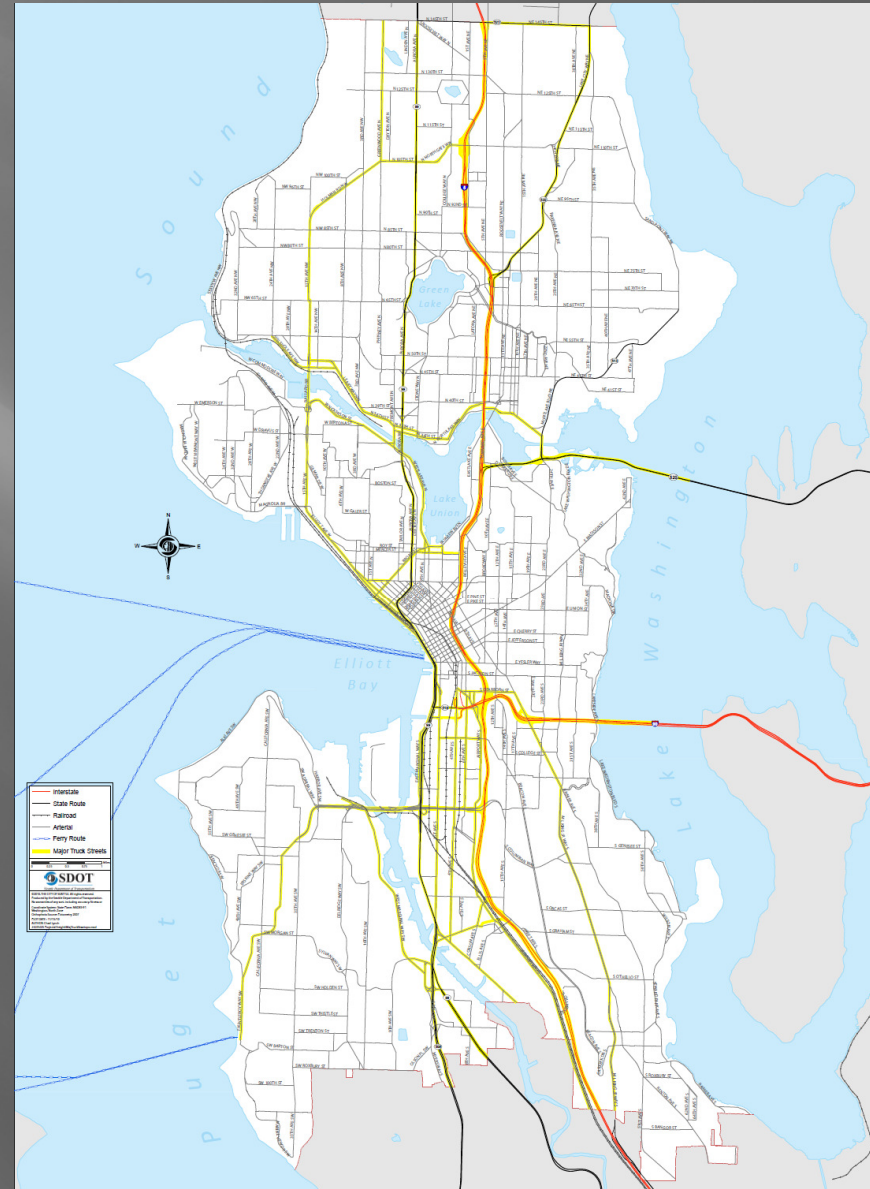
- 31% of King County's population resides in Seattle
- Seattle's population is 608,560 and growing
- Over half a million jobs are in Seattle



Challenging topography



Major Truck Streets



Managing Arterial Streets

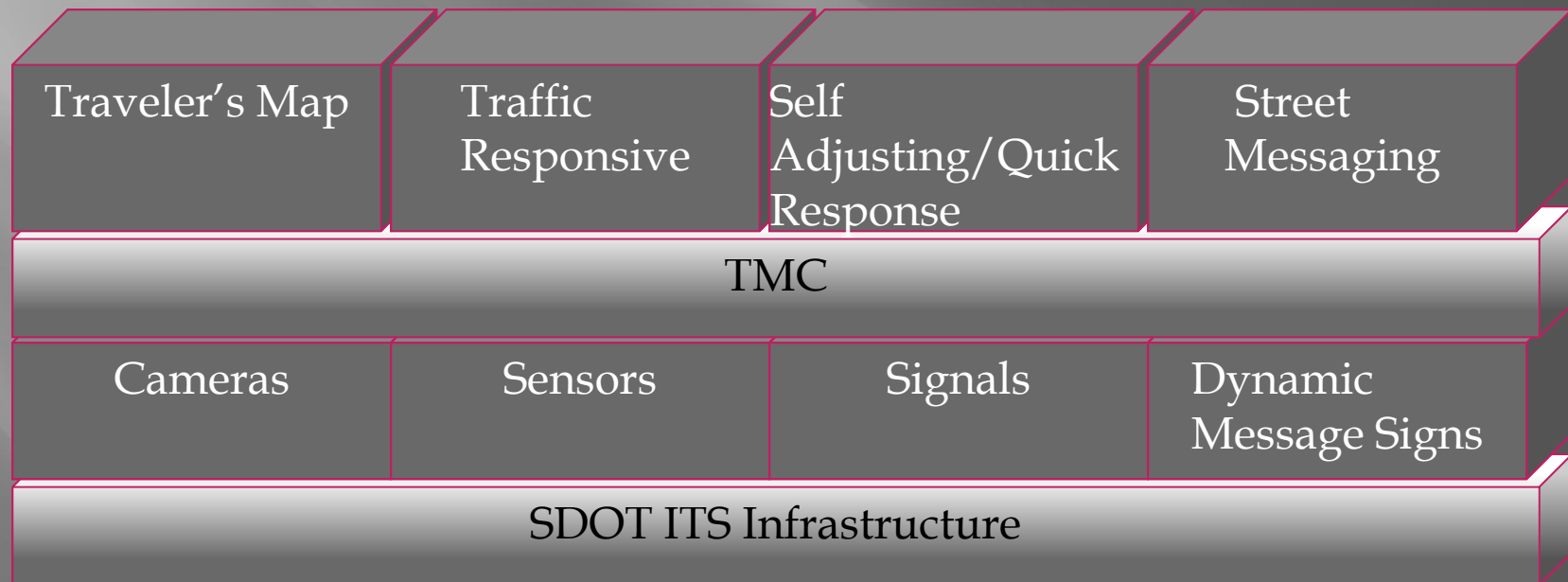


SDOT ITS Vision Statement

To implement, operate and maintain the most appropriate technology to meet traffic safety, mobility and business process needs, while supporting the City's economic vitality and reducing the environmental impacts of travel in Seattle.

ITS Operations

- Incident management
- Automated operations
- Real time information



Seattle Transportation System is Evolving

Managing traffic during construction and for the future

- Alaskan Way Viaduct Replacement Program
- Elliott Bay Seawall
- Waterfront Seattle
- Mercer West
- Proposed SODO arena



[Next](#)

Next Generation ITS

- Improve Information use
- Adjust to dynamic environments
- Improve capacity and throughput
- Increase multi-modal safety and efficiency



Next Generation ITS

Add:

- 91 Cameras
- 15 Dynamic Message Signs
- 93 Sensors to measure travel times

Retime:

- 300 traffic signals in Center City Seattle

Upgrade:

- 24 Traffic Signals in the Denny Triangle SODO and Duwamish neighborhoods



Next Generation ITS

Next steps for ITS

- Link I-5, Seattle's arterial streets, the Port and other key facilities together to provide a seamless Truck Traveler Information System



Questions and Answers



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